

## Li-Ion Cylindrical Battery



### Features

- High energy density, energy volume density is up to 370wh/L, specific energy is up to 150wh/kg;
- High voltage and 3.7V of average voltage - 3 times that of Ni-Cd and NiMh batteries;
- Excellent charge and discharge cycle characteristics.
- Low self discharge rate.
- Wide operation temperature from -20°C to +60°C;

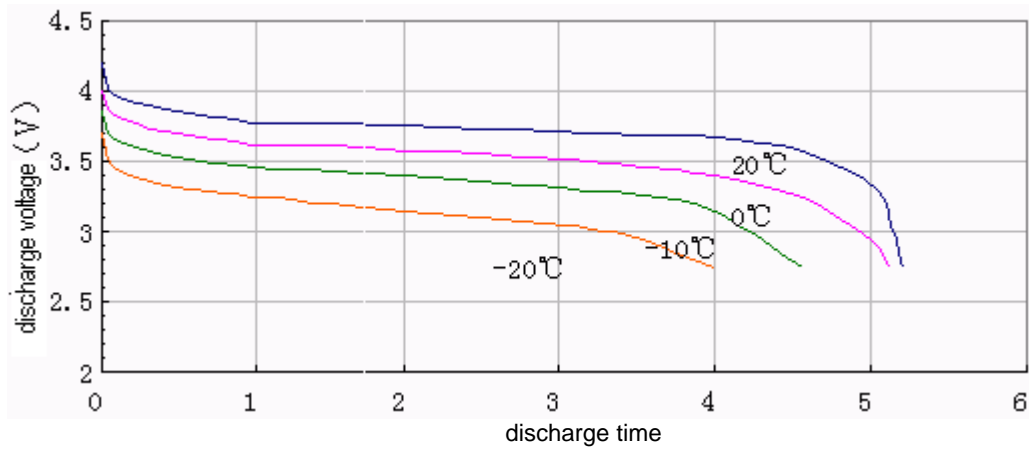
### Applications

Portable electronic devices, such as cameras, flashlights, etc.

### Type

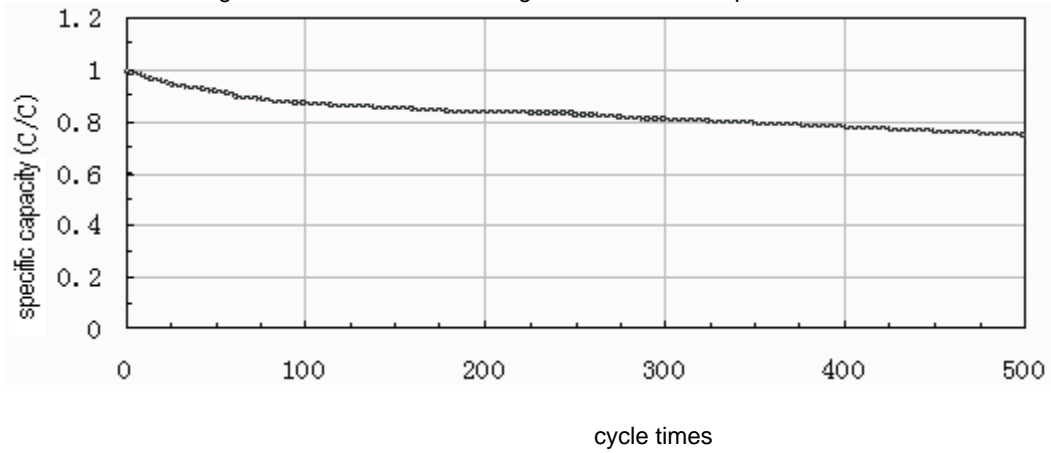
Type	Nominal Voltage(V)	Nominal Capacity(mAh)	Max Discharge(mA)	Dimension(mm)	ApproxWeight(g)
LIR17335	3.7	700	1400	17.0x34.5	19
LIR17335	3.7	600	1200	17.0x34.5	19
LID123A	3.0	500	1000	17.0x34.5	18.5

**Performance (Li-ion Prismatic Battery, Li-ion Cylindrical Battery)**  
**Discharge Curve at Various Temperature**  
 charge: 4.2V/1CmA/2.5h, temperature: 23°C , discharge: 0.2CmA/2.75V



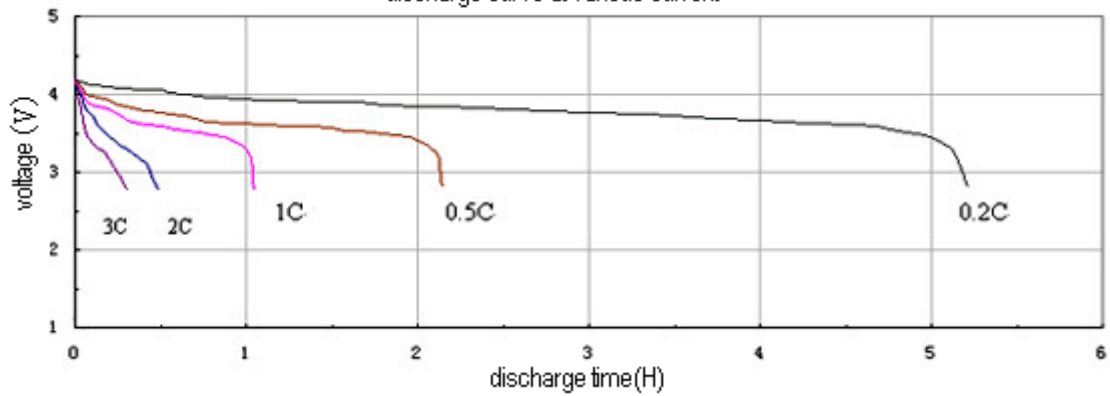
### Cycle Life Curve

charge: 4.2V/1CmA/2.5h discharge: 0.2CmA /3V temperature: 23°C

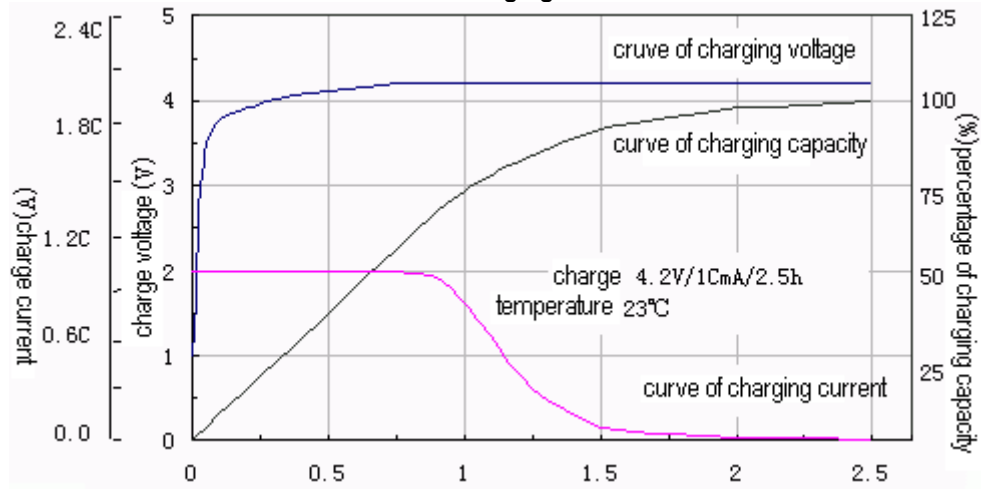


### Discharge Curve at Various Load

charge: 4.2V/ 1CmA/ 2.5h temperature: 23°C  
discharge curve at various current



Curve of Charging Feature



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